CLUB REPEATER:
WR4ACF (146.04/64)

RALEIGH AMATEUR RADIO SOCIETY
RARS
WORLDWIDE FRIENDSHIP

CLUB CALL:
W4DW

AFFILIATE

EDITOR:
DAVE LANGLEY, W4YDY/K4IWJ
4517 Revere Drive
Raleigh, N. C. 27609

ASSISTANT EDITOR:
TOM ALEXANDER, WA4OTA
6800 Jean Drive
Raleigh, N. C. 27612

"Raleigh Amateur Radio Society News"

JULY 1974 ISSUE 57

MEET YOUR MEMBERS... CHARLES AND ANN SWINDELL, WB4DCM and WN4EPH

The husband and wife team pictured this month is none other than WB4DCM and WN4EPH. You doubtlessly recall the fine job that this pair did managing the ladies' program at our last hamfest, held at Crabtree Valley. Many members also may recall Charles as the "chief cook and bottle washer" at field day 1973, a job which he has again assumed for 1974. (No "C" rations please!)

Charles and Ann live at Route 2, Zebulon, and are the proud parents of a baby boy, Clark, age 8 months. Of course their home would not be complete without their dog, Clyde. Both our subjects are CW buggs but we have no reports from neighbors of them fighting over the use of their Drake T-4Z and R-4A. (Or even of Clyde singing along with the side-tone monitor) Rounding out the equipment collection is a SB-144 for use on two-meter FM.

Ann has her novice ticket and Charles received his advanced class license in March of this year. His novice days date back to 1958 when he was KN4TTA. Charles, a former Captain in the Marine Corps with service in Viet Nam, has been employed for the past three years with the North Carolina Department of Insurance.

RARS is fortunate in that a number of XYL's, like Ann, have seen fit to actively participate in the club, and the ultimate success of a number of our undertakings have most certainly been enhanced by that "feminine touch". After all, why should the O. M. have all the fun?

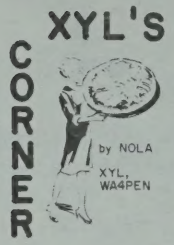
Tom - WA4OTA

NEXT MEETING

The next monthly meeting of the Raleigh Amateur Radio Society will be held Wednesday, July 3, at 7:30 PM.
The meeting will be held in the Civil Defense Headquarters in the basement of the N. C. State Government Administration Building, 116 W. Jones Street. Enter through the back

PUBLISHED MONTHLY BY THE RALEIGH AMATEUR RADIO SOCIETY, INC., P. O. BOX 17124, RALEIGH, NORTH CAROLINA 27609 □ MATERIAL CONTAINED HEREIN MAY BE REPRINTED WITHOUT PRIOR PERMISSION WITH CREDIT GIVEN THIS PUBLICATION □ TECHNICAL EDITOR - BERT BAILEY, W4FMN □ OFFICERS: PRESIDENT - AL CLEMENT, WA4DKZ; VICE PRESIDENT - SHERMAN STARNES, W4TZU; SECRETARY - CHUCK LITTLEWOOD, W4RUH; TREASURER - JESSE HODGES, W4EEL □ PRINTED BY QUIKCOPY, RALEIGH, NORTH CAROLINA.

door. There is no trouble with parking so bring a caravan. Everyone interested in Amateur Radio is invited to attend. AND JOIN!



I used to think that RARS stood for Raleigh Amateur Radio Society until recently, but believe me - that's not so! I found out it really means Raleigh Amateur "Railroad" Society. Toot-Toot! (Thanks to the printer; my friend, I thought.) At some of the different ham fests, field days, etc. I've seen several types of hats worn to identify certain radio clubs, such as white straw hats for the Charleston group. Well, I think that the official hat for the RARS members should be a railroad engineer's cap.

Right now, I should be in the kitchen, slicing onions, green peppers, and pepperoni for Ed's pizza, but instead here I am, with pen in hand, scratching my head, wondering why in the world this happened to me. (Poor Dave, now I have an idea of what you go through every month.) A little while ago Ed asked me if I had my column ready for Dave and I asked him "What column?" He just smiled and said "Toot-Toot". So - here I am trying to write a YL - XYL column and as you can see, I desperately need your help. Please get in touch with me if you have any suggestions or anything you would like to add to this column.

For those of you who missed the RARS Social on June 1st at the home of Sam and Jane Stephens, we want you to know that you really missed a great time. In fact, it was so great that we are planning another one on July 27th at 7:00 o'clock. This time we are having a cookout (hamburgers, hotdogs with all the trimmings) at Sam and Jane's and it will only cost around $1.00 per person. If you think you will be able to attend, please contact me at 876-0340 or Jane at 772-9542 after 6:00 o'clock by July 19th or get in touch with Ed or Sam. If you would like to get to know RARS club members and their wives, these socials are the place to do it. So lets all mark our calendars and give us a call. Several of you missed the last get-together because of previous commitments. We do hope we are giving you enough notice so all of you can get it on your calendar this time.

Toot, Toot, Jane (XYL WB4PIE).

I WONDER IF. . . . . .

1. any of you have suggestions for the name of this column?

2. any of you have some ideas or comments you would like to get in the newsletter?

3. there are enough ham campers in the area to have a ham caravan somewhere in the mountains soon?

4. we could get some patches, badges, etc. designed for RARS?

5. I WONDER IF I WILL SURVIVE THIS?

73-88

Nola

P.S.: For all interested in the progress of my basement I would like to say that absolutely nothing has been done at this date.

(Being lazy this month, I decided to rerun an article about an exciting adventure I had in 1971. If TV can use reruns, why can't I?)

After seeing the very attractive awards for 5BDXCC and 5BWAS at our May club meeting, I couldn't help but envy K4CIA and W4HHN. I had been on the air for over 18 years and still had not worked 100 countries and didn't even know if I had ever worked all states. Too lazy to count. So I decided to go after both awards and be the first RARS club member to receive both awards. A grant slam! But first I had to get ready.

I set to work on putting the rig in top shape with a complete tube check & alignment. When I finished, it was twice as sensitive as it had ever been. Not bad for a twelve year old KWM-2. And the 30L-1 was tuned up a special way for 89% efficiency. The triband beam was measured and a full 10 dB gain was realized after cleaning and polishing. A Heath frequency counter connected to the KWM-2 gave me continuous readouts on my receiving & transmitting frequencies. The adapter in the May, 1971 QST made that possible. In the meantime, the 5-Band kits came in from the ARRL and I picked up some good tips from K4CIA on 10 meters one night, so I was ready to go.

Since I was working nights for a couple of weeks, I decided to hit the 10 and 15-mtr. bands heavy. I started on a lucky string, and 39 states and 73 countries were worked on 10 mtrs. and 47 states and 105 countries were worked on 15 meters the first week. At least, now I was one-tenth completed. Later at nights, I would get on 75 and 40 meters, while working 20 when things started to slow down. I would occasionally look out the window and almost see smoke coming from the Ham-M rotator. It was going around so much, that some of the neighbors thought I had installed my own radar set!

After five weeks of intensive operating, I was almost there. I just needed a few more stations on 75 meters. I had really caught propagation conditions at their peak. How lucky could one be? Now I had to concentrate on 75 meters and after the sixth week was up, I had 99 countries and 49 states. All I needed was Hawaii. That would qualify me for both awards. I talked to many KH6's on the other bands, but when we went to 75 meters, conditions just were not good enough. If I could just get this one contact, I would have both five-band awards in record time.

It was about 11:00 PM and I was on 3865 kHz telling K4CIA and W4HHN about my troubles with Hawaii. And then way in the background, I thought I heard my call. We all stood by and listened closely. It was a KH6 calling me!!! I returned his call and when he came back, his signal had jumped up to Q5 and S7. I was about to make history. It was KH6DAK in Hilo, Hawaii. But that was Lee Johnson, WA4ZNA, our RARS Vice-President. He had that call in 1959! And then I heard a loud noise and I looked out and saw my telephone pole and antennas falling toward the house and me! I fell out of the chair, it shook me so. And t hen I woke up laying on the floor in front of the rig. Now why did I have to fall out of that chair just as I was having such a great dream?

FOR SALE - Drake T4XB transmitter, R4B receiver, AC power supply, MS-4, TC-2 and SC-2. Also TH3MK3 triband beam, Hygain 15 element 2 meter beam. Prefer to sell as package for $1000. Joe Morgan, WA4DUR, 787-2753

KITTEN ON THE KEYS, OR NOLA By Bert, W4FMN

Want to be the first with the mostest, that is, congratulating WA4PEN's XYL on her new column, not Ed's tower, but RARS COLUMN. If it does not appear in this issue, sorry about that. Dave must have bumped it. Sometimes wonder about that YDY call, ---Dave says he's a Southern gennulman, but..... Anyway, congratulations, Nola. We need a gud spellor in this rag. And me thinks you is the one to straiten us all out. Now that ed of ours he jes caint spell. No Sir, that he caint. You wudn't beleive the misteaks i caught him doing. BUT, at least ways, I TRIE: How aboot you, Nola?

RARS

Minutes of Meeting held

JUNE 5, 1974

Chuck Littlewood, W4RUH
Secretary, RARS

The regular meeting of the Raleigh Amateur Radio Society was called to order by President Al Clement, WA4DKZ at 7:35 PM in the Civil Defense room of the N. C. State Administration Building. The guests introduced themselves. 56 members and guests were present.

Lee Johnson, WA4ZNA, reported that the 2 meter amplifier club project was about to get under way. Almost all parts have been received. Outstanding balances for the amplifier are now due. See George Richards as soon as possible.

Bert Bailey, W4FMN, our field day chairman reported things were lining up as planned. Discussion followed on the club's acquiring emergency generators of its own for field day and other outings. Any member who has knowledge of available units, new or used, that the club could use please contact an officer. Two Saturday meeting at the State Fairgrounds were planned to get everyone familiar with our field day operations and setup. Do plan to help out, whatever your interest, in field day this year.

Bob Corns, K4MC, indicated that the FCC license examiners would be available for holding examinations at hamfest and conventions. The membership voted to have the secretary contact the District FCC Engineer-in-Charge for possible participation in the third annual RARS Hamfest in April, 1974.

Two TV interference problems were presented to the club and a committee headed by Allen Weber, WB4PHQ, will work with the members involved. The interference may not be due to amateur radio equipment but it is desirable to help determine the source as a public service.

It was voted that Dave Langley, W4YDY, RARS News editor, obtain a one year's subscription to the Ham Radio Report to assist in keeping the membership informed on late breaking events in ham radio.

After the break, Jack Kenny, Wn2IJK, gave us an interesting talk and demonstration on a programmable CW generator. Jack proved to us again the value of our members interests and contributions to the club.

Don't forget FCC form 610s are available anytime from the secretary.

Meeting adjourned 10:30 PM.

Respectfully submitted
Chuck Littlewood, W4RUH
Secretary, RARS

Serving The Radio Amateur

For Over 35 Years

With Quality Equipment And Components.

SOUTHEASTERN
RADIO SUPPLY CO.

414 HILLSBOROUGH ST.
RALEIGH, N.C.

- FAYETTEVILLE, N.C.
- WILMINGTON, N. C.
- DANVILLE, VA.
- ASHEVILLE, N.C.
- GREENSBORO, N.C.
- WINSTON-SALEM, N.C.
- JACKSONVILLE, N.C.
- SALISBURY, N.C.
- KINSTON, N.C.
- WILSON, N.C.
- HICKORY, N.C.
- ROANOKE, VA.
- DURHAM, N.C.

Also in World Electronics Stores in Charlotte & Norfolk

FIELD DAY

By now, as you read this, RARS either flopped miserably or did themselves proud on FD of '74. RARS NEVER does anything halfway. We go ALL THE WAY! Win, lose, or draw a lot of people will have done an awful lot of work. Hesitating to mention names because somebody always gets left out, just let me say that the cooperation was great. All who could got out with the troops. The band captains became majors and the antenna riggers lieutenants. The ball game is on the scoreboard as they say, so specifics at this time would be rather crystal gazing. Let me just list the BCs and a few of the other details for general interest:

2-6M	Paul WB4MKY	40M	Tom and Stan WB4WII/WB4ZTF
10/80	Geo K4KZZ	OSCAR	Sherm W4TZU
15	Brian Richardson	Gen Chief	Al Macklin
20	Marion K4RWI	Mess Sgt	Charley W4DCM (es XYL)
	Ken K4GCN		

Note the new faces. For example, Marion just joined RARS one month ago and he not only got his feet wet, he drowned! His illustrious efforts bring joy to a tired old EC's heart, still beating albeit. And Paul jumped right in when Dave, the original BC, had to leave town. Etcetera. To many, many others, RARS gives thanks profusely. Now On with that cottonpicking report. One word of advice, near FD time, don't miss ANY meetings!

Bert W4FMN, FD Chairman, ---EX------

Jun QST editorializes on a fairly basic fact, learned by us GIs in Caesar's time, i.e. skip, completely skip, regulations that serve no purpose or, worse yet, are useless. In Julius' day, troops were fierce in battle; orders could not be duplicated, no Xeroxius; all orders were chiseled in stone. So only the staff got to play with them; everybody was happy. Either you dodged spears and swords, ignorant of written memoranda on how to do it, or you wrote THE order and were ignorant of coping with flying spear and swords. So please, FCC, let AMSAT alone; we hams can govern ourselves pretty well. There MAY be groups who cannot; but we ARRL types can. And this is, so far as ichiban is concerned, the thrust of the entire issue. Howsomever, I will perforce go on into the trivia, methinks. Note that QST is available on microfilm at 10 bucks per 12 issues. No, not at RARS, yet. Questions, see W4YDY (He'll he'p you out ---- if you let him know wherein you entered). Now read on MacDuff, re a G-line. Sounds nasty, and it may as well be. I for one do not understand it. Anyway, it no doubt beats 2 Dixiecups and wet string. Ever wonder where your acre beam was between stops? If so, read about a homebrewed directional indicator for Hy-Gain's Mod 400 rotor and use it to watch each degree go by. Good DX, Bill. The ARRL staff then puts out the 3d in its fine series on semis, this time re VFOs since novices can now go this route. Several simpler homebrew projects are discussed, i.e. a hybrid GDO and an SCR inverter inverting to 24 or 60 volts or in between. Then a couple take a bit more effort like Part I of a solid state cw receiver and a tuning sequencer to control freq synthesizers and other type PLL systems. Among commercials reviewed are Wilson Electronic's DB54, a 20-15 beam; Std Commo's RPT-1 repeater; and the Clegg FM21, its 220 transceiver. Hope Sherm read abt using Oscar on FD, "cuz he's doing it (he promised!). All should peruse the part about repeaters' being public service machines and the conduct of nets in the ARPS Section. We still have hams who are unsure exactly how to compose a message or operate a net. Hope those band captains know it all before 22 Jun OR we lose points. Much more to Q-St but, like ole Stonewall, I gotta press on! Thanks for fine readin', ARRL ole buddy.

Jun HAM starts out on A1, with a homebrewed electronic keyer, strictly IC like our Brian's. Keeping up with the antenna kick, read about the importance of height when throwing that rock over the trees for the new dipole; and a new dipole beam yet! Also interesting are articles on designing receivers (mechanics along with the electronics); building an IC function gen; using the omniscient Shannon's approach to RTTY (using commo theory, natch); a 2M preamp (hey, we got one of those in RARS); effects of spurs on LO's; understanding spec analyzers (easier if they were cheaper); and using the HW202 for closed repeaters. (Some believe that the RARS nets are closed, especially some club members evidently. But it's not, fellows, everybody can join in the fun and share the wealth). And HAM winds up as usual with a veritable industrial catalog at the 73 end.

Jun 73 goes bananas over the most important part of any ham's gear, the radiator. First, read about another workhorse quad, a motor-operated RC for controlling tuning and reading power output, a counterpoise for 160, a 3-30 MHz tuner, making baluns form toroids (ask K4MC, his work A-OK), modified quad for cliff-dwellers (like 15 meters wrapped around the balcony), and then go back and peruse the long-squared-quad (shades of the old GI rhombic without the 600-ohm jobbe). Among the more intriguing circuits in the CIRCUITS section are using op amps for RTTY demod, sub antenna for inside work like a mattress (the 52 club), and several RF preamps. Like HAM, 73 closes with its own version of an industrial catalog.

May CQ puts its "industrial catalog" "up front", and then it brings up the homebrewing of a 3-element array for 15, computing resonance on transmission lines (see PH Smith, he's got a chart), Cop's poop on SSTV, and computing field intensities without benefit

of Poynting. Per usual CQ's forte is in its regular columns and they are, as usual, very good. Read about the latest on QRP operations, Novice doings, that ol debbil DX, Contests, George's propagation, and the Awards Program. And with all that fine info re Armed Forces Day wingding, we at RARS surely hope you checked in on the net of your choice, even it if wasn't THE ground-gaining arm.

N O T E The RARS is preparing to print a new club roster for the August Issue of the Newsletter. All persons who have not paid their dues by July 15 to Jesse Hodges, W4EEL, will NOT be included on this new roster. Please mail your check to Jesse by that time if you haven't done so. You can also pay them at the meeting on July 3.

RARS Nets

Still percolating. Dipping a little bit, about 10 on 2 and the 5 regulars on 10. But Audrey is working on getting us all in the 1010 Club. After seeing that glorious parchment she passed around at the last club meet, I want to be the first to snag one. As I told Audrey, if only they would paint a Stars and Bars on it it would be a masterpiece instead of simply majestic. So jump in on 10, men, and grab the prettiest piece of wallpaper you ever did see. When the brains get around to modulating a carrier with ice, ole Buck will even pass out ice cream on the net. As for 2, we are plugging along but we are still looking for a hero to get an OBS appointment to bring back the hot poop from group and relay to us FM types. Come on somebody, be brave. Call Bob K4MC or Chuck W4WXZ and tell them you want to be a wing not a drag, a campaigner not a camper, a solution not a problem, a real RARS trooper (airborne) not a simple leg. Well we try. See you on two AND ten.

Bert W4FMN, plugging EC of wide-awake Wake

LAFAYETTE RADIO AND ELECTRONICS IS HAPPY TO ANNOUNCE THE ADDITION OF A NEW AMATEUR EQUIPMENT DEPARTMENT TAILORED TO MEET YOUR EVERY NEED.

SOME OF OUR LEADING SUPPLIERS ARE:

Cushcraft	Newtronics-Hustler
Drake	Regency
Genave	Simpson
Hy Gain	Ten-Tec
Icom	Yaesu

Trade-ins Welcome

We here at Lafayette believe that service is as important to the Amateur as the original purchase of the equipment. Our service department is staffed with three full-time technicians to repair any new or used amateur equipment that you may own.

Next time you think of amateur equipment, give us a chance to fill your need. Call Danny Hampton, K4ITL, at:

LAFAYETTE RADIO ELECTRONICS

DIVISION OF T.D. SOUND, INC.

GATEWAY PLAZA SHOPPING CENTER - RALEIGH, N. C. 27604

(919) 828-8814

THE WORLD RADIO NEWS

Radio amateurs now have their own newspaper in the form of Worldradio News. It covers the latest happenings from the ARRL, FCC, nets, club newsletters, public service activities and many other features. It is in newspaper form and the June issue had 48 pages. Subscriptions are $5 for one year, 2 years is $9, 3 years - $13 and $50 for lifetime. Their address is Worldradio, 2509 Donner Way, Sacramento, CA 95818

CARY AMATEUR RADIO CLUB SWAPFEST

The Cary Amateur Radio Club will hold its annual swapfest Saturday, July 20, at 10:00 AM at the Lions Club shelter at Cary, N. C. There will be door prizes and a talk-in on 146.28/88 repeater. Registration is one dollar. A cookout is planned for lunch which will be extra and ala carte. For more information, contact Herb Lacy, K4FBG, 1022 Medlin Drive, Cary, N. C. 27511

C. T. West to WASHINGTON

C. T. West, one of our most active RARS members, has moved to Washington, D. C. as Press Secretary for Senator Jesse Helms. C. T. formerly served for Governor Bob Scott in the same position. He was very helpful in helping with Amateur Radio Weeks in North Carolina and many other PR activities for amateur radio. Good luck to you C. T. and let us hear from you.

MONTHLY QUIZ

10-74: What's so hot about ceramic filters?

11-74: If WRAL radiates 10KW with a mod percentage of 60, how much carrier is put out?

12-74: In FM, what advantage does the ratio detector have over old man Foster-Seeley?

RARS NEWSLETTER SUBSCRIPTIONS

THE RARS IS STILL ACCEPTING SUBSCRIPTIONS TO THE "RARS NEWSLETTER". KEEP ABREAST OF THE LATEST HAPPENINGS IN HAM RADIO AND MANY ITEMS OF INTEREST. THIS TIMELY PUBLICATION CONTAINS UP TO THE MINUTE INFORMATION OF INTEREST TO THOSE OF US WHO ARE CONCERNED WITH AMATEUR RADIO AND IT'S MANY FACETS. SUBSCRIPTIONS ARE $2.00 FOR TWELVE (12) MONTHS DELIVERED TO YOUR DOOR. SEND YOUR SUBSCRIPTIONS TO RALEIGH AMATEUR RADIO SOCIETY NEWSLETTER, POST OFFICE BOX 17124, RALEIGH, NC 27609.

Late News

EMERGENCY MEDICAL SERVICE REPORT AND ORDER has been finished. Will be released before end of June. Though no official details on its contents will be available til then, unofficial word is that the proposed bite off the top of the 420-450-MHz amateur band did NOT get bitten off. However, the threat was, and is, a very real one -- other services want (and need) our frequencies -- though the new 900-MHz 2-way band is already relieving a lot of that pressure.

THOUGH 220 CB SEEMS A DEAD ISSUE, there may be some 220 CB activity already taking place in several of the larger cities! Seems that some over-anxious manufacturers shipped rigs to CB distributors, who promptly sold them to off-the-street buyers. Those buyers may have been hams, but not necessarily... Might prove interesting to monitor 224-225 MHz just in case.

On The Other Hand, hams interested in giving 220-MHz FM a try might just find some nice deals at local CB dealers who have 220 rigs in stock and don't know what to do with them.

TWO NEW FCC COMMISSIONERS NOMINATED by President Nixon, Commissioner Lee reappointed to another seven-year term. Nominees are Glen O. Robinson, Professor of Law at the University of Minnesota, and Abbott Washburn, member of the board of International Broadcasting and a special consultant to the director of OTP. If and when confirmed, these appointments would restore the Commission to full seven-member strength.

From HR REPORT

LICENSE DEAL

At the behest of our SCM, Chuck, I sallied forth into the jaws of the archives of the Legislative Building in Raleigh and purloined (it's illegal to steal) THE orders, Bill #1916 that is. And effective for the 1975 plates, hams will pay FOUR dollars, CB types, 10 bucks. The 5 year ploy re NC plates is still up for grabs, topic for the next legislature, but, at the moment, we will pay 4 dollars each year and CB, 10 per year. So those of us who fought the good fight, I figure a major objective was accomplished, the Sovereign State of North Carolina does indeed recognize a distinct difference between amateur radio operators and those who merely aspire, secretly or otherwise. And one who worked hard for us on this was stalwart CT West, now on Senator Jesse Helms staff in Washington, DC. Thanks a lot, CT, wherever you are.

W4FMN et al

BERT'S BOMBS

XYL W4EEL: Why were all those Liberation Movement XYLs so busy picketing the Hayes Barton Baptist Church last Sunday, - disgraceful?

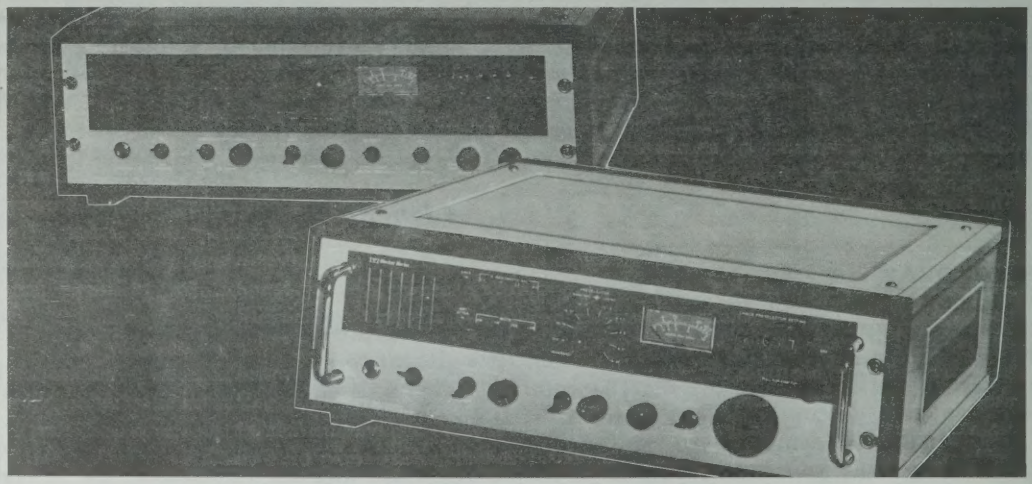
XYL K4ITL: Because all the church folks were singing hymns!

WA4ZZN: Man, K4GCN really streaked for the employment office this AM. Howcum?

WB4WII: He read about WANTED: TWO MEN FOR INDECENT ASSAULT.

an extraordinary combination of digitally synthesized receivers...

each with built-in capacity to satisfy a broad spectrum of singular applications.



ITT Mackay Marine 3020A and 3021A Radio Receivers feature solid state construction, dual conversion and super-heterodyne design providing continuous frequency coverage from 15kHz to 29.9999MHz. Frequency selection is accomplished by step tuning, while the 3021A Receiver uses sweep tuning. These receivers meet strict requirements of British MPT, German FTZ, Norwegian NTA, Dutch and Spanish PTT and Canadian DOC, and can be used wherever maximum reliability and ease of maintenance are required.

Write or call Ed Engebretson, General Sales Manager today for complete information on these two quality, high performance receivers.

ITT Mackay Marine, 2912 Wake Forest Road, Raleigh, North Carolina 27611. Telephone: (919) 828-4441.

ITT Mackay Marine
Mr. Ed Engebretson, General Sales Manager
2912 Wake Forest Road
Raleigh, North Carolina 27611

Please send complete FREE information on the exciting new:

☐ 3020A Step Tuning Receiver
☐ 3021A Sweep Tuning Receiver

NAME _____ TITLE _____
COMPANY _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
COUNTRY _____

Federal Supply Schedule Group 58 Part VII,
Contract GS-OOS-24016

ITT *Mackay Marine*

ARRL REPORT - By Vic Clark, W4KFC

Members of the ARRL board of directors, League officers and key staff personnel participated in an all-day meeting with FCC personnel on May 10. FCC Chairman Richard Wiley, Charles Higginbotham, Prose Walker, Richard Everett, John Johnston, James McKinney, Dan Jacobson, Jack Torbett, and Elliott Ours took part in wide ranging discussions with the League representatives on amateur radio legal and regulatory matters. Points of interest: FCC is planning a pilot program of considerably expanded examination points beginning next July and will resume examination services at hamfests and conventions in some cases. - Partial credit for passing the code or the theory is contemplated. - The FCC's new license restructuring plan still is being developed and is expected to be out for comment some time during 1974; a no-code beginner license for limited VHF privileges, grandfathering of presently-held privileges for existing licensees, and dual holding of technician and novice licenses are probable features of the new proposal. - FCC is receiving many complaints of interference to nets (some of these, regretably, coming via Congressional channels ... and doing damage to our self-policing claims!). - The record of radio amateurs in TVI-RFI is outstanding. Of 42,000 interference complaints received by FCC during FY 1973, only 400 were found to be the fault of amateur transmitters, and radio amateurs are recognized by FCC as being typically helpful in resolving neightborhood RFI problems. - FCC personnel at Gettysburg handle 15,000 applications per employee per year; they are making an effort to reduce the delay time in license application processing, and occasional errors occur. Amateurs are advised to retain a copy of their application and a photostat of their check for possible follow-up use in such cases. - CB permit applications are up 38% over last year, amateur applications were down from 77,000 to 73,000 in a first quarter comparison with last year. - 760 amateur repeaters now have been licensed, and FCC corespondence on repeater problems has dropped to a trickle; the League's petitions for cross-banding and linking repeaters currently are under consideration. - Indiscreet use of autopatch and HF phone patches continues to be a threat to the retention of presently-enjoyed privileges. Increasing requests for temporary approval of use of amateur VHF and UHF bands for commercial experimental purposes pose a possible threat to our use of those bands; increasing amateur occupancy is the best defense.

From AUTO-CALL

73 EDITOR SENTENCED FOR TAX EVASION

Wayne Green, W2NSD, was found guilty on all 12 counts for which he had been indicted on tax evasion. He has stated that he will appeal. He received a suspended five-year prison sentence, three years probation and fine of $20,000 plus cost of court. The trial lasted for 17 days and was for the years 1966 through 1968. He paid $1,395.75, while the IRS said his tax should have been $19,607.17. His corporation, 73, Inc., paid $4,724.83, but IRS states the tax due is $17,206.03. The IRS now plans to go to civil court to collect the back taxes.

NEW MEMBERS

With the usual big crowd of about 60 attending the June meeting, 7 paid their renewal dues and 4 joined for the first time. New members are Lyn Pendleton, K4NYC, (Advanced), Raleigh, Bill Freeman, WA4EOI, (Conditional), Fuquay Varina, and Ferenc Pankotay and Wayland R. Ham from Raleigh. Total membership in the RARS is now 87. In a few years when there are several hundred in the club, we can look back and say "I was one of the first hundred!" There are only 13 places left, so anyone thinking about joining had better hurry. Welcome all.

RARS CALENDAR OF EVENTS

July 3	Regular RARS meeting
July 3 - 4	Straight Key Night
July 13 - 14	Open CD Party, CW
July 17	Executive & Adv. Committee meets
July 20	Cary ARC Swapfest
July 27 - 28	Open CD Party, CW
August 7	Regular RARS meeting
August 21	Executive & Adv. Committee meets
September 4	Regular RARS meeting
September 7 - 8 . . .	ARRL VHF QSO Party
September 18	Executive & Adv. Committee meets
October 2	Regular RARS meeting
October 16	Executive & Adv. Committee meets
November 2 - 3	ARRL SS, CW
November 6	Regular RARS meeting
November 16 - 17 . .	ARRL SS, Phone
November 20	Executive & Adv. Committee meets

RARS 2 METER FM NET - MON & TUE NITES 8:00 PM - 146.04/64 RPT
RARS 10 METER SSB NET - MONDAY NITES 8:30 PM - 28.540 MHz

Gals: See YOUR new column (on page 2) by Nola.

RALEIGH AMATEUR RADIO SOCIETY, INC.
POST OFFICE BOX 17124
RALEIGH, NORTH CAROLINA 27609

First Class Mail